

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)Applicant(s): **RANDALL G. MUTTERS; JAMES W. ECKERT**

Docket No.

UC2001-209-1

Serial No.

Filing Date

Examiner

Group Art Unit

Invention: **METHOD AND APPARATUS FOR DETERMINING PLANT NUTRIENT STATUS**

I hereby certify that the following correspondence:

DRAWING SHEETS (6 sheets)*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

FEBRUARY 6, 2001*(Date)***JERRY V. KING***(Typed or Printed Name of Person Mailing Correspondence)*
*(Signature of Person Mailing Correspondence)***EL484718426US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

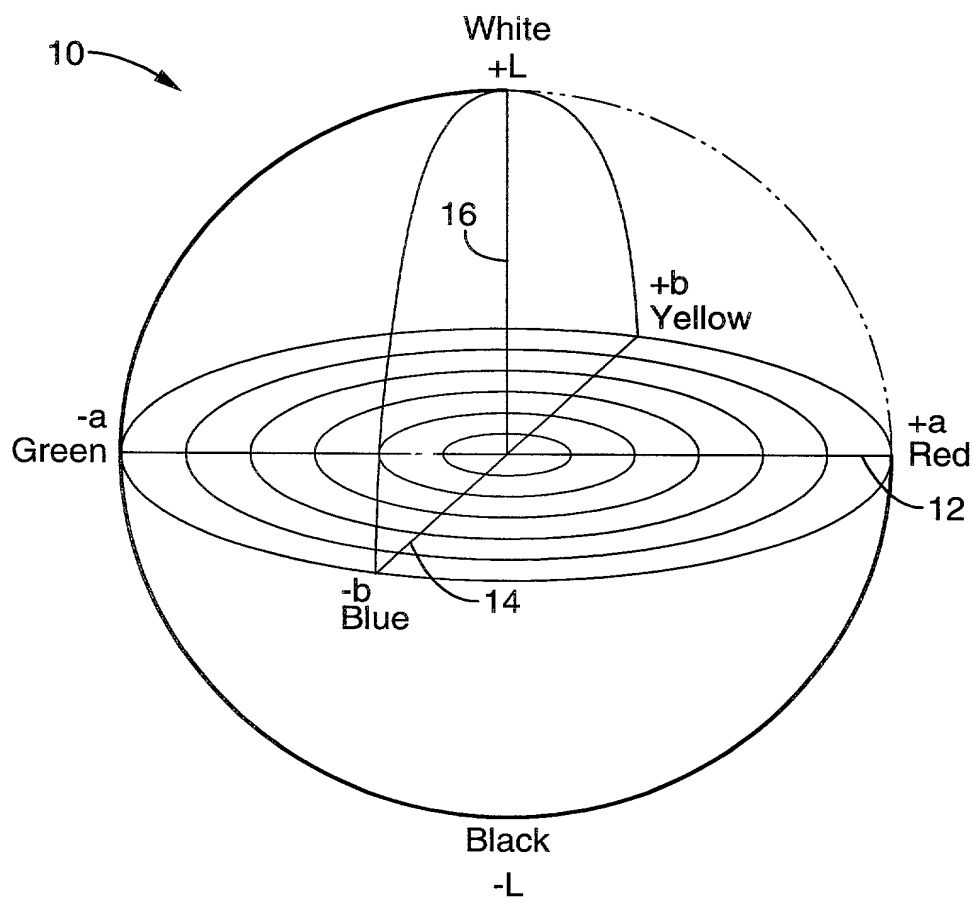


FIG. 1

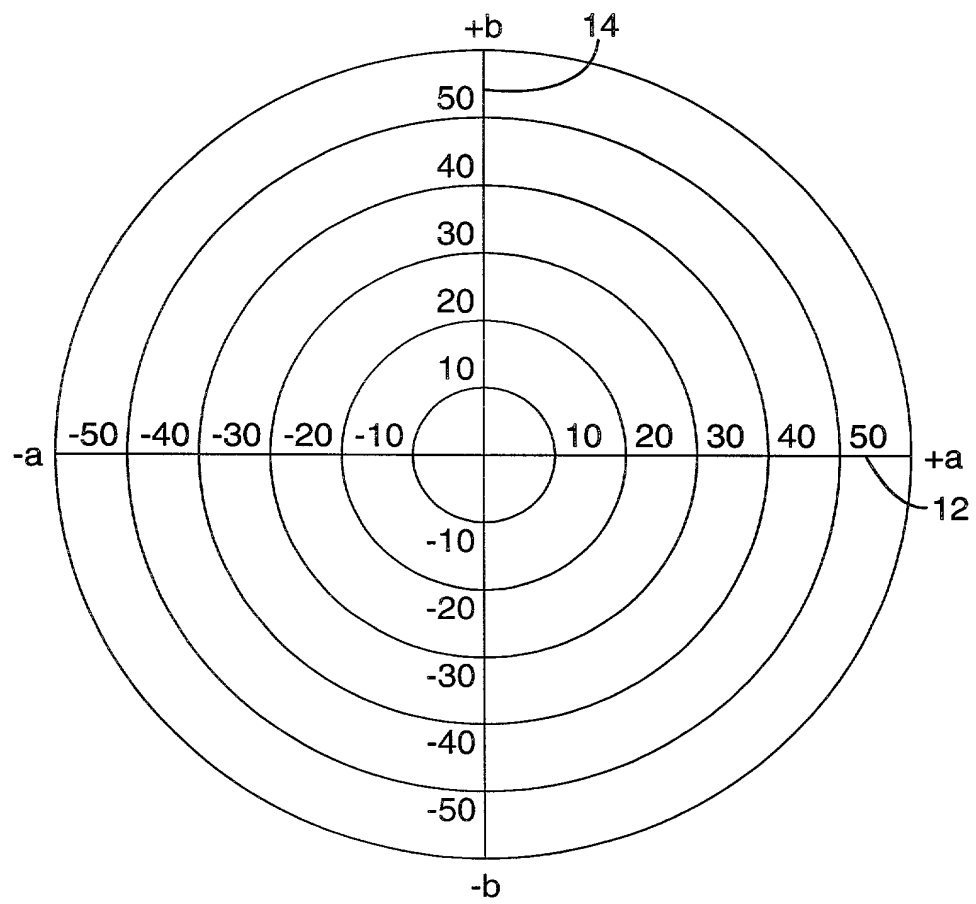


FIG. 2

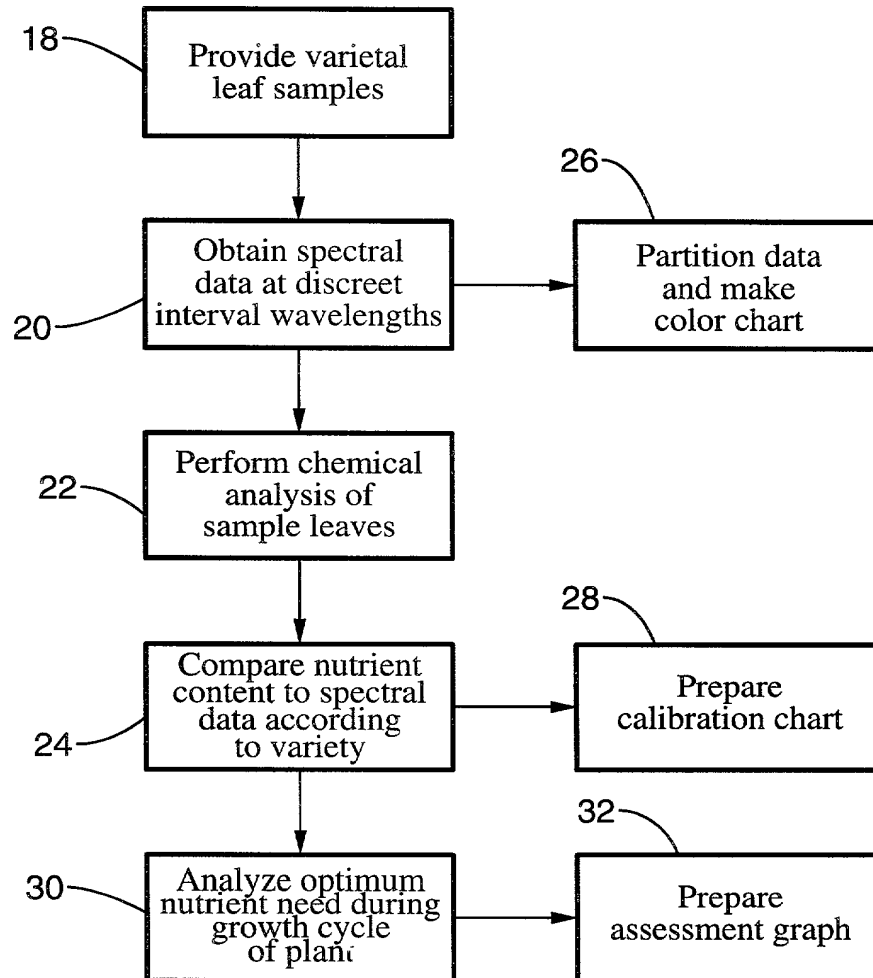


FIG. 3

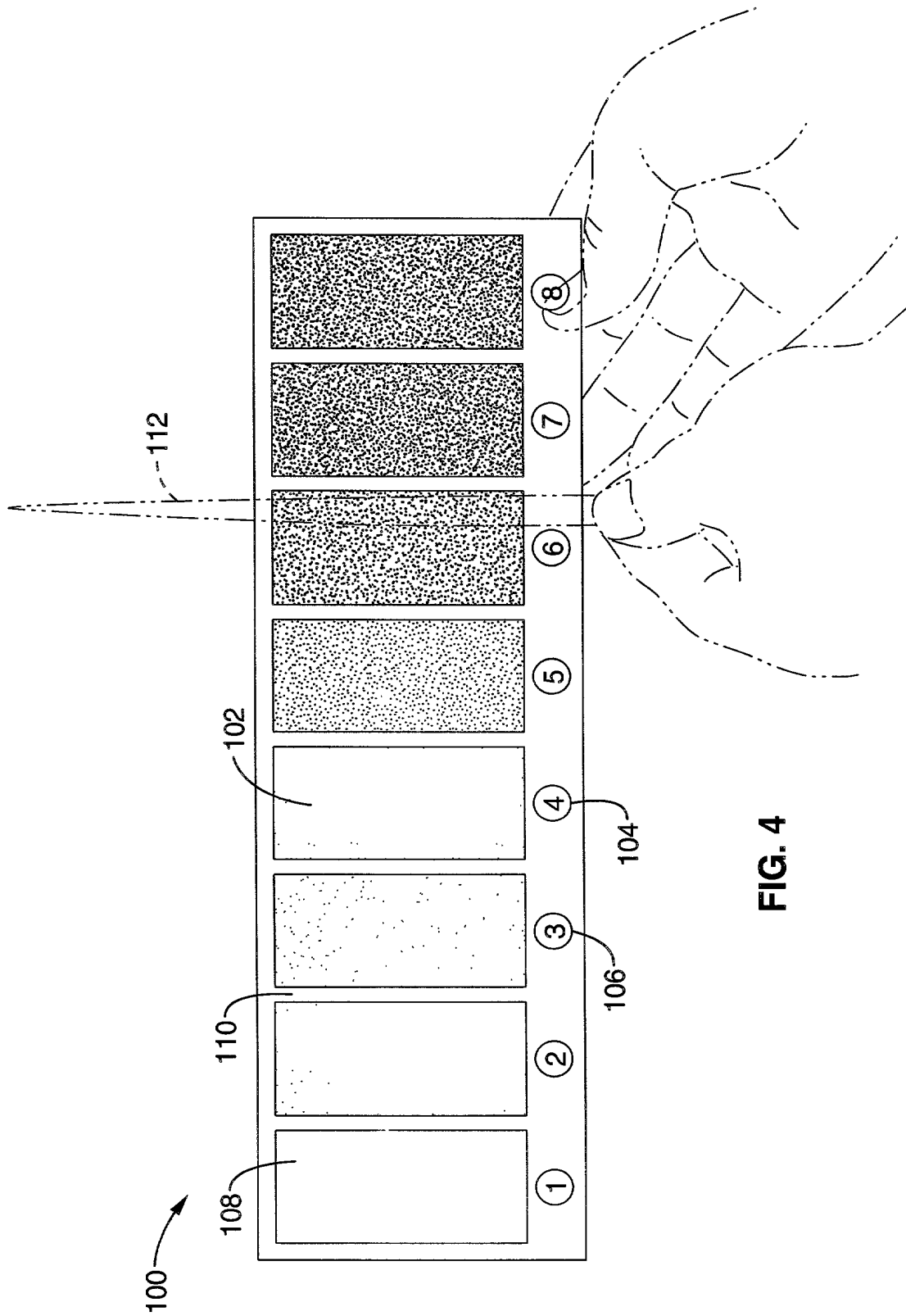


FIG. 4

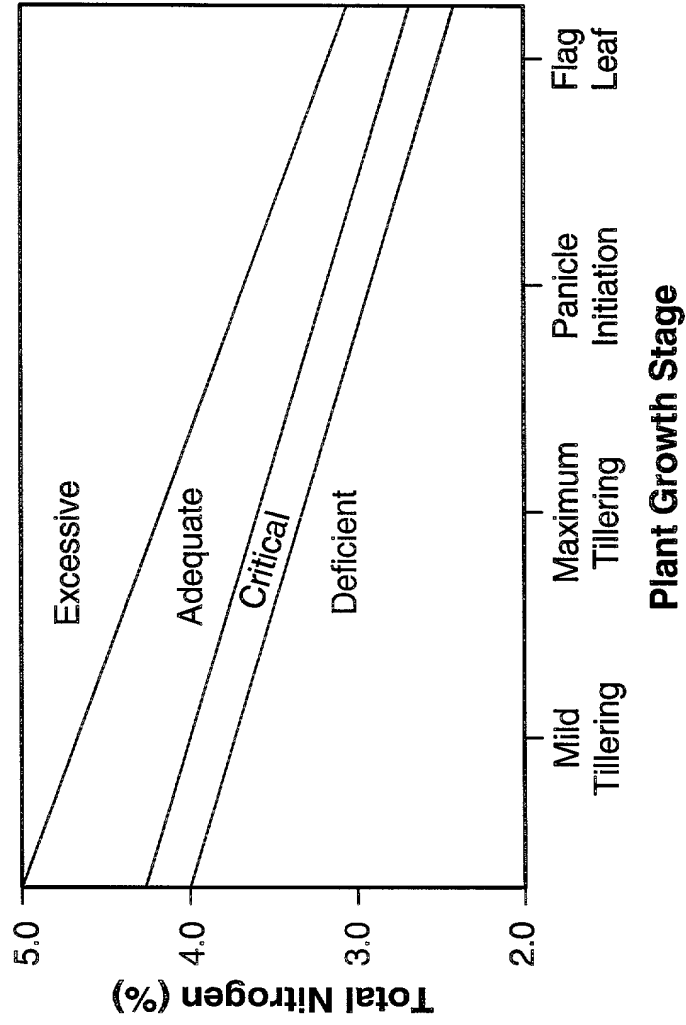


FIG. 5

Days After Planting
 Approximate times. May vary between seasons.

Plant Growth Stage	Nitrogen (% Total N)		Days After Planting	
	Critical	Adequate	Very early (e.g. M103)	Early (e.g. M202)
Mid-tillering	4.6	4.6-5.2	40	40
Maximum Tillering	4.0	4.0-4.6	50	55
Panicle Initiation	3.3	3.3-3.8	50-55	55-65
Flag Leaf	2.6	2.6-3.2	85	95
				70-80
				110

FIG. 6